Ace Brushes

WIRE

FIBRE

BRISTLE

HAIR

NYLON

ACE WIRE BRUSH COMPANY

Brooklyn, N. Y.

Ace Brushes

SERVE ALL INDUSTRIES

We have endeavored to create a catalogue for the convenience of the modern brush buyer, by simplifying our descriptions and illustrations as much as possible.

The ACE line is preferred by scientific buyers, who realize that proper construction and high quality materials assure the user of longer and better service.

We also wish to emphasize the fact that an important part of our business is devoted to manufacturing SPECIAL BRUSHES for production and maintenance requirements. We are equipped to make any type of brush, providing we are advised where it is to be used and for what purpose.

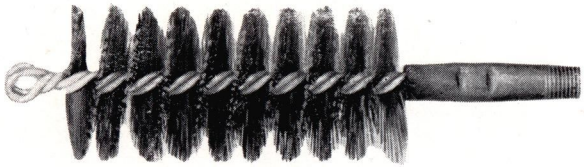
The additional styles we manufacture are too numerous to mention, therefore, we solicit all inquiries and any specifications you may have.

ACE WIRE BRUSH COMPANY
144-146 FULTON STREET
BROOKLYN 1, NEW YORK

Copyright 1946
Ace Wire Brush Company
144-146 Fulton Street
Brooklyn 1, New York

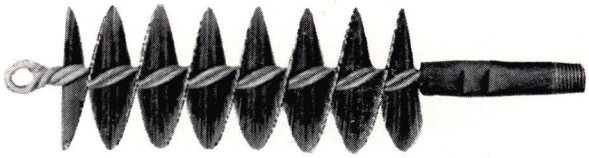
Steel Wire Flue and Boiler Tube Cleaning Brushes

We have specialized in PLUMBING, HEATING and STEAMSHIP trade requirements for many years and are equipped to make any type of tube or flue brush for any purpose. The following numbers are most widely used, but our efficient engineering staff is capable of making a brush for the most difficult cleaning job.



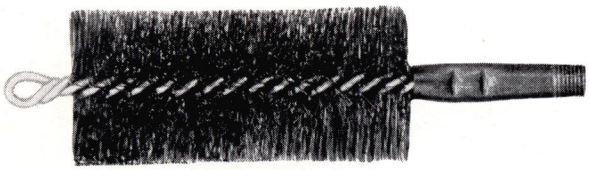
No. 501

Single spiral round wire flue brush, brushpart 5" long, fitted with 1/4" x 2 1/2" nipple or 1/2" Whitworth connection—made in 1/4" sizes from 1 1/2" to 6". Special sizes furnished on request. For sizes under 1 1/2" see condenser tube brush. Weight per 100 (3" size) 40 lbs.



No. 502

Single spiral flat wire flue brush, brushpart 5" long, fitted with 1/4" x 2 1/2" nipple — made in 1/4" sizes from 2" to 6". Special sizes furnished on request. Weight per 100 (3" size) 50 lbs.

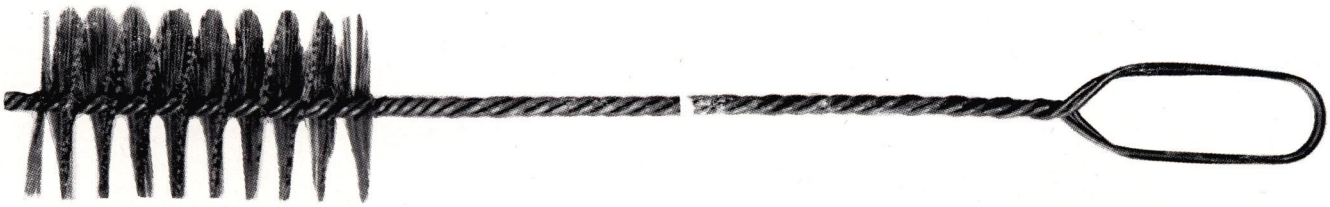


No. 503

Double spiral round wire flue brush, brushpart 5" long, fitted with 1/4" x 2 1/2" nipple — made in 1/4" sizes from 2" to 6". Special sizes furnished on request. Weight per 100 (3" size) 44 lbs.

No. 504

Condenser tube brush, fitted with 1/8" nipple or 5/16" female bolt thread—sizes 1/4" to 2" actual diameter. Special sizes furnished on request. Weight each (1/2" size) 1/4 lb.



Long handle furnace brush for hot water boilers, steam boiler and hot air furnaces — 5" brushpart — made in 1/4" sizes from 1" up and with any length handle desired. Popular sizes:

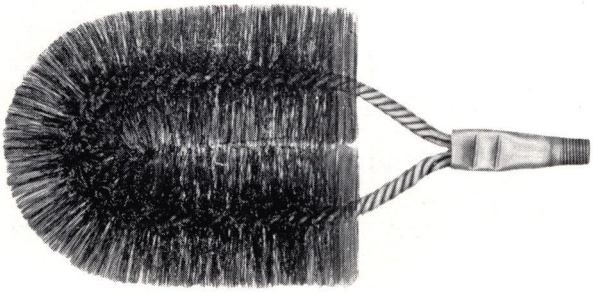
No. 533 — 3" diameter — 3 ft. handle. Weight per 100, 52 lbs.
No. 534 — 4" diameter — 3 ft. handle. Weight per 100, 56 lbs.

The above brushes are also available in various gauges of Brass Wire, Fibre, Bristle, Hair and Nylon.

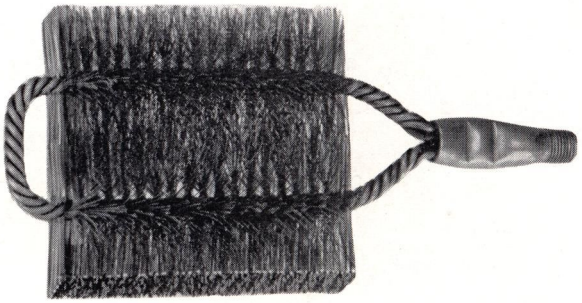
FLUE BRUSH NOTE

Flue brushes correspond to standard flue sizes which are designated by the outside diameter of the flue. Since the inside diameter is usually 1/4" smaller, a 3" flue brush actually measures 2 3/4" in diameter, however, price is based on 3" size. If exact diameter brushes are desired, please specify accordingly.

Steel Wire Tube, Furnace and Chimney Brushes

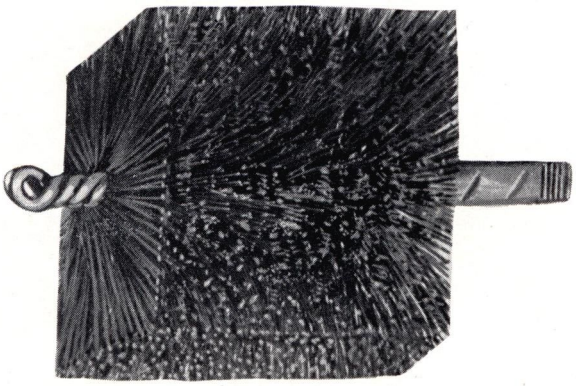


No. 521—Round steel wire, 1¾" thick, 5" wide, 5½" brushpart; fitted with ¼" x 2½" nipple, round nose, double section. Weight per 100, 75 lbs.



Nos. 510 and 511—Round steel wire, 4½" brushpart, fitted with ¼" x 2½" nipple, double section. Sizes as follows:

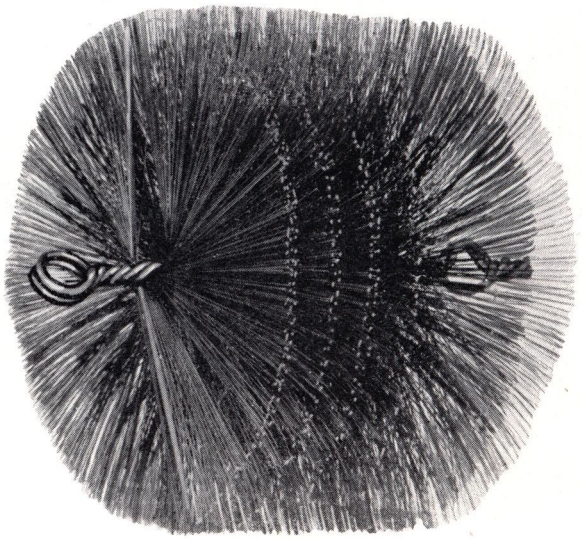
No. 510—1⅝" x 4". Weight per 100, 50 lbs.
No. 511—2½" x 6". Weight per 100, 75 lbs.



Nos. 505 and 506—Round steel wire, rectangular shaped, 4½" brushpart; fitted with ¼" x 2½" nipple, single section. Sizes as follows:

No. 505—2" x 4". Weight per 100, 50 lbs.
No. 506—3" x 5". Weight per 100, 62 lbs.

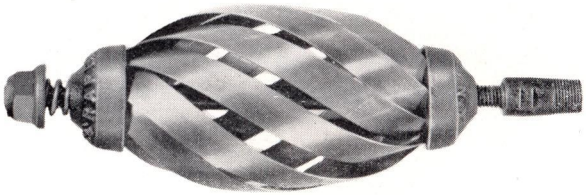
SPECIAL SIZES FURNISHED ON REQUEST.



No. 507—Chimney cleaning brush made in either round or square type. Can be furnished in any diameter or any brushpart desired and can be made with ring at each end for fastening rope or wire. Made in **round or flat tempered steel wire or fibre.**

No. 508—COIL TYPE

Made from specially tempered flat steel wire. Slightly contracts on entering the tube and when withdrawn resumes its original diameter, thereby retaining its effectiveness until completely worn out. Will thoroughly clean any tube from 1" to 8". Weight each (3" size)) ¾ lb.



No. 509—ELLIPTICAL TYPE

Made from specially tempered spring steel blades. Evenly curved and uniformly set. Will hold a set diameter and not crush or bend. Will remove the hardest kind of deposit. Sprayed with grease to prevent rust. Furnished in standard weight boiler tube sizes of 1" to 8". Weight each (3" size) 1½ lbs.

Ace Brushes

Copper Tubing Brushes

"ACE" copper tubing brushes are made of a fine gauge, **spring tempered steel wire,** secured in a triangular shaped wire handle. Specially designed for Plumbers, Refrigerator Service Men, Heating Engineers and for all who work with Copper Tube Fittings. These brushes are used for cleaning or "machining out" quickly, easily and thoroughly, fittings that are inaccurately machined, or have rough corrugations on the inside. Takes the place of old-fashioned "sandpapering."

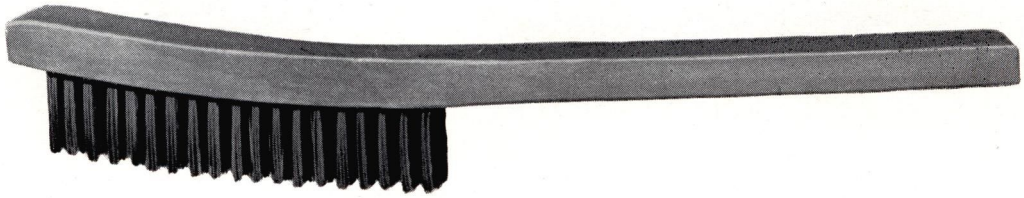
Made in the following pipe sizes:

No.	For Pipe Diameter
540	1/4"
541	3/8"*
542	1/2"*
543	5/8"
544	3/4"*
545	1"*
546	1 1/4"
547	1 1/2"
548	1 3/4"
549	2"

Star indicates most popular sizes.
Weight per 100 (1/2" size) 5 lbs.

Round Steel Wire Hand Brushes

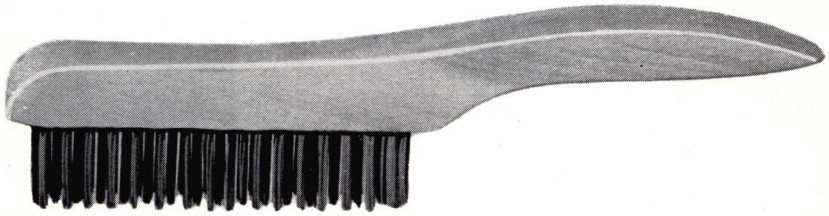
"Ace" wire hand brushes are made of spring tempered high carbon fine steel wire; thereby guaranteeing longer wear and better service. Our line is complete and is the solution to every cleaning need — removing rust, paint, varnish, enamel, dirt, grease, machine borings; cleaning castings, iron work, files, pipe threads, batteries, butchers' meat blocks and numerous others. In fact, the individual design of our brushes will suggest many more possible uses to you.



CURVED HANDLE

No.	Rows	Black	Trim	Wt. per Gross
16	3 x 11	31/32" x 12"	13/16"	45 lbs.
48	2 x 19	3/4" x 14"	13/16"	45 lbs.
51	3 x 19	1" x 14"	13/16"	68 lbs.
56	4 x 19	1 1/8" x 14"	13/16"	78 lbs.

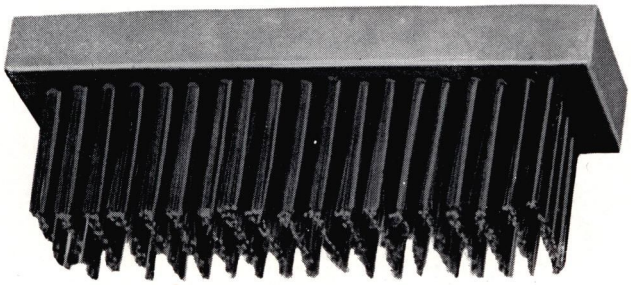
Packed one dozen in carton.



SHOE HANDLE

No.	Rows	Block	Trim	Wt. per Gross
46	2 x 15	5/8" x 10"	13/16"	38 lbs.
41	4 x 17	1" x 10"	13/16"	60 lbs.

Packed one dozen in carton.

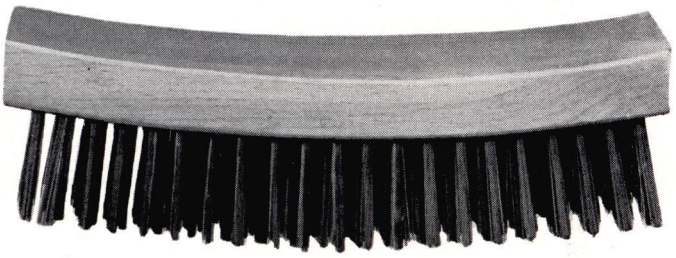


STRAIGHT BACK

No. 11—6 x 19 rows. Block 7 1/4" x 2 1/4". 1 3/4" trim 115 lbs. per gross.

No. 21—5 x 13 rows. Block 7 1/2" x 2 1/2". 1 5/8" trim. 175 lbs. per gross. Extra heavily filled. Recommended for cleaning stone, brick and rough surfaces.

Packed one dozen in carton.



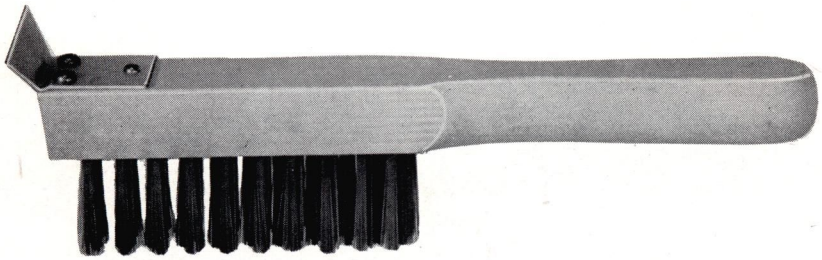
CURVED BACK

No. 32—9 x 21 rows. Block 7 3/4" x 1 3/4". 1 3/16" trim.

120 lbs. per gross.

Packed one dozen in carton.

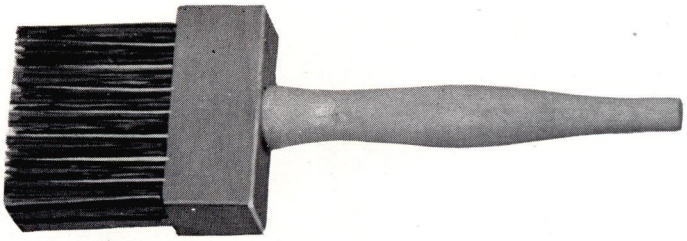
Steel and Brass Wire Hand Brushes



BRUSH AND SCRAPER

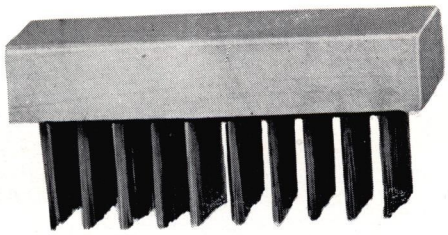
No. 19—4 x 10 rows. Block 1⅝" x 11". 1½" trim. 115 lbs. per gross. Steel scraper attached. Specially designed for removing varnish from floors, doors, etc., preparatory to refinishing. Packed one dozen in carton.

PAINTER'S DUSTER



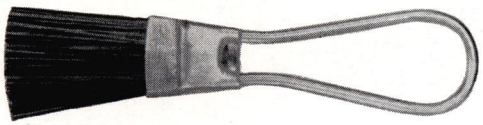
No. 20—4 x 8 rows. Block 2¾" x 1⅛". 2⅜" trim. 45 lbs. per gross. Used by painters for removing dirt around mouldings, baseboards, etc. Used by machinists for brushing chips and borings from machines. Packed one dozen in carton.

STRAIGHT BACK—SMALL



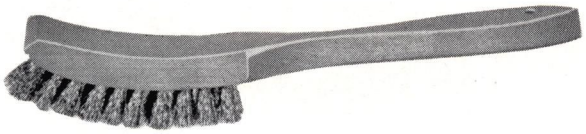
No. 17—5 x 10 rows. Block 4½" x 1⅝". 1¼" trim. 45 lbs. per gross. Packed one dozen in carton.

JIFFY—ALL METAL



No. 44—Metal ferrule and handle, 5¼" overall, 1¼" wide. 1½" trim. 15 lbs. per gross. For shop and home use, unequalled for cleaning waffle irons, gas burners, battery terminals, etc. Quickly and easily removes solder, chips, filings, etc. Packed one dozen in small carton.

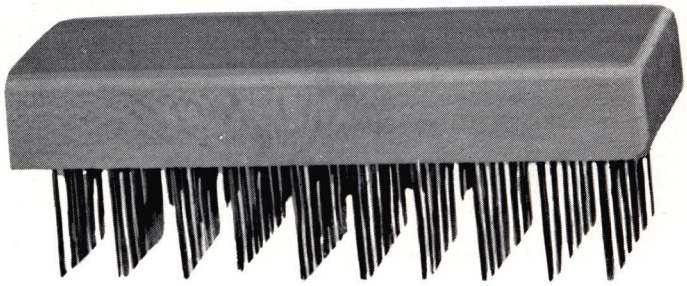
BRASS WIRE UTILITY



No. 90—Crimped brass wire. ½" trim. Block 7½" x 1½". Curved handle. 2 lbs. per dozen. Cleans aluminum, enamel and other metal ware. Also recommended for tire roughing. Packed one dozen to box.

Flat Steel Wire Butchers' Block and Casting Brushes

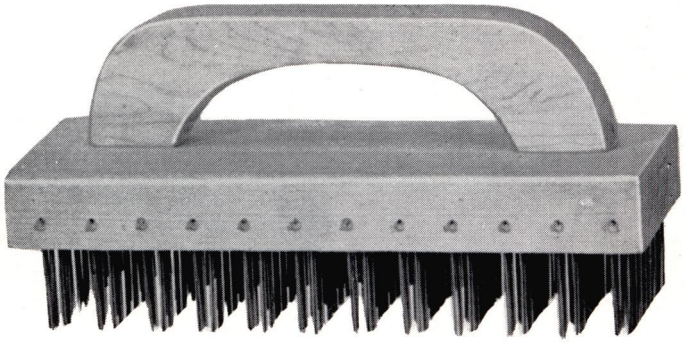
"Ace" butchers' block and casting brushes are all uniformly made on automatic machinery. Whether used in butcher shop or foundry, they will do a splendid job of cleaning. Blocks are made of well seasoned hardwood lumber and are smoothly finished.



PLAIN BLOCK

No.	Rows	Length Wire	Wt. Doz.
100	5 x 10	1"	10 lbs.
101	5 x 10	1¼"	10½ lbs
102	5 x 10	1½"	11 lbs.

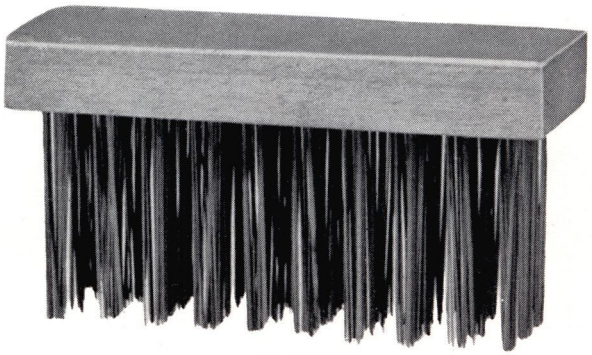
Solid Block—7½" x 2⅝"



JUMBO

No.	Rows	Length Wire	Wt. Doz.
150	8 x 12	1"	22 lbs.
151	8 x 10	1"	20 lbs.

Solid Block—9" x 4"

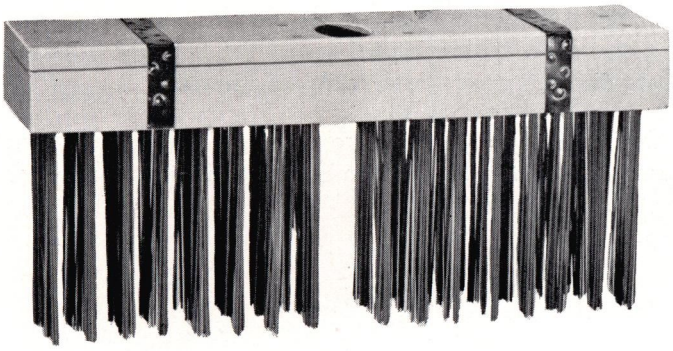


CASTING

No.	Rows	Length Wire	Wt. Doz.
200	5 x 10	2"	13 lbs.
300	5 x 10	3"	14 lbs.
400	5 x 10	4"	15 lbs.

Solid Block—7½" x 2⅝"

Steel Wire Push and Track Brooms



FLAT STEEL WIRE

2 pc. Block. One Tapered Handle Hole

No.	Block	Length Wire	Wt.Doz.
9	9¼" x 3¼"	4"	18 lbs.
12	12 x 3¼"	4"	24 lbs.

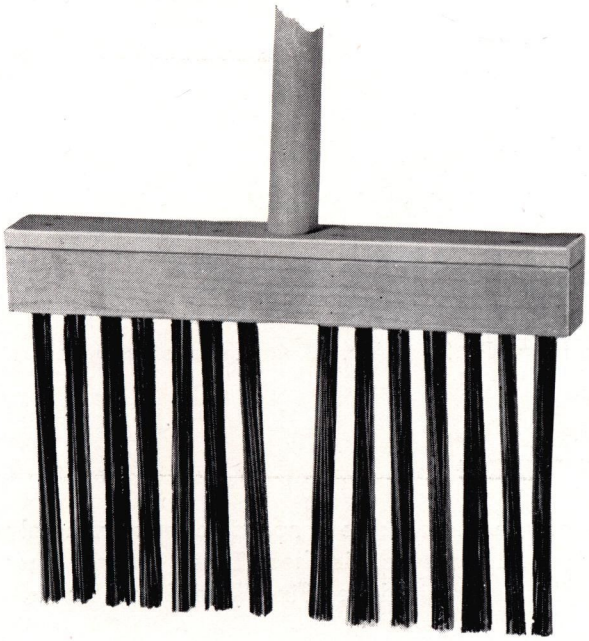
These flat wire push brooms are recommended for heavy sweeping on uneven surfaces. They are widely used for street paving and street repair work. Invaluable for ship use such as scrubbing decks and scaling purposes. Handles furnished extra if desired.

ROUND STEEL WIRE

No.	Block	Length Wire	Wt. Doz.
25	12 x 2½"	2½"	26 lbs.

1 pc. Block. One Tapered Handle Hole

Round wire push brooms are usually recommended for sweeping or scrubbing on comparatively smooth surfaces, such as cement floors, stone floors, cellars, etc. The penetrating stiff wire will easily remove any matter which adheres to the floors. Recommended for ship use. Handles furnished extra if desired.



FLAT WIRE TRACK BROOM

No.	Block	Length Wire	Rows	Wt. Doz.
18	9¼" x 1½"	5"	3	20 lbs.

Recommended for cleaning curves, frogs and switches. Handles furnished extra if desired.

Wire Wheel Brushes

HELPFUL SUGGESTIONS FOR SELECTING ACE WIRE WHEEL BRUSHES

The speed at which wire wheel brushes are operated is important. Various speeds should be tried to determine the one most satisfactory for a given job. When operated at the correct speed the brushes produce the desired effect, thereby speed production, reduct costs and improve the quality of the work.

To eliminate confusion, wire sizes are referred to in decimals of an inch. However, as Washburn & Moen or W & M gauge is the standard used and most are familiar with the gauge numbers, a table is listed below for ready reference.

WIRE GAUGES
W & M Standard Gauge

Gauge No.	Size (Inches)
18	.0475
19	.041
20	.0348
21	.0317
22	.0286
23	.0258
24	.023
25	.0204
26	.0181
27	.0173
28	.0162
29	.015
30	.014
31	.0132
32	.0128
33	.0118
34	.0104
35	.0095
36	.009
37	.0085
38	.008
39	.0075

SURFACE SPEEDS

(In Feet Per Minute)

Recommended surface speeds in feet per minute for various diameters are as follows:

Speed	Diameter of Brush					
R.P.M.	15"	12"	10"	8"	6"	4"
1000	3925	3140	2620	2095	1570	1050
1200	4710	3770	3140	2515	1885	1255
1400	5500	4400	3660	2930	2200	1465
1600	6300	5025	4185	3350	2515	1675
1800	7070	5655	4700	3770	2830	1885
2000	7850	6280	5235	4190	3140	2095
2200	8640	6910	5750	4610	3455	2305
2400	9425	7540	6270	5025	3770	2515
2600	10210	8170	6795	5445	4085	2720
2800		8800	7315	5865	4400	2930
3000			7840	6285	4710	3140
3200				6700	5025	3350
3400				7120	5340	3560
3600				7540	5655	3770
4000					6280	4190
5000					8850	5240

ADDITIONAL INFORMATION

For general assistance, we give the following suggestions as to size of wire to be used and speeds at which brushes should be operated.

FOR CUTTING EFFECT

Brushes should be used of extra coarse wire, ranging in size from No. 28 to No. 33 gauge and operated at speeds of approximately 1400 to 1800 R.P.M.

FOR CLEANING AND POLISHING

Use brushes made of medium wire ranging from No. 33 to 39 gauge and operate at speeds of approximately 1800 to 2500 R.P.M., according to the texture of the surface being cleaned or finished. These brushes may leave scratch marks, therefore, if a fine finished or burnished effect is required, use Fine Wire Wheel Brushes **(page 14)**, and operate at speeds from 2000 to 3500 R.P.M.

Wire Wheel Brushes

FOR CLEANING, BUFFING AND POLISHING

ACE WHEELS (Standard)
(Interchangeable Centers)

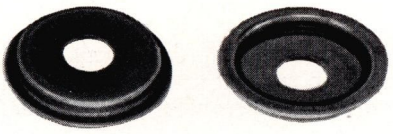
"Ace" wire wheels are made of specially drawn, thoroughly crimped wire intermingled into a brush of exceptional strength and durability that gives splendid service when subjected to severe usage. A complete all metal unit, assembled under heavy pressure, ready for mounting directly on shaft, and requiring no skill to attach. Compactly filled, solid brushing surface and evenly balanced to eliminate vibration. Interchangeable centers, adapting wheel to any size shaft up to 1½" in diameter, enabling the distributor to supply from stock a brush that will fit practically any standard arbor.

No.	Diameter	Thickness	Dia. Face Plate	Wt. Each
201	12"	2"	5"	8 lbs.
202	10"	2"	5"	7 lbs.
203	8"	1⅜"	4"	3½ lbs.
205	6"	1⅜"	4"	2½ lbs.

ACE WHEELS (Narrow Face)
(Interchangeable Centers)

No.	Diameter	Thickness	Dia. Face Plate	Wt. Each
223	8"	1"	4"	2½ lbs.
225	6"	1"	4"	2 lbs.
229	4"	1"	2¼"	¾ lb.
227	4"	¾"	2¼"	½ lb.

Ace Wire Wheels are regularly made of No. 33 W & M gauge crimped wire. Coarser or finer wire can be furnished when desired.



INTERCHANGEABLE CENTERS

Interchangeable centers are regularly furnished with ½", ¾", ⅞", 1", 1¼" and 1½" arbor hole sizes to fit 6, 8, 10 and 12" "Ace" wheels made with standard 2" diameter opening at center. 4" dia. wheels are usually made with ⅜" and ½" arbors. When ordering, please state size of arbor hole.

Wire Wheel Brushes

FOR CLEANING, BUFFING AND POLISHING

"ALL STEEL" WIRE SECTIONS

"All Steel" wire sections are uniformly well filled, evenly balanced, complete brush units. The wire is securely held between 2 steel face plates with arbor hole sizes punched to fit directly on spindle or shaft, without the use of interchangeable centers or hubs. A unit or single section may be used where a narrow brushing surface is required or several units can be conveniently assembled on the shaft to build up any desired width of face.

No.	Diameter	Thickness	Dia. Face Plate	W & M Gauge	Wt. Each
230	15"	7/16"	5 7/8"	30 or 33	1 3/4 lb.
231	12"	13/32"	5 1/8"	30 or 33	1 1/4 lb.
232	10"	13/32"	5 1/8"	30 or 33	1 lb.
233	8"	13/32"	4 3/8"	33 or 36	3/4 lb.
235	6"	3/8"	3"	33 or 36	1/2 lb.
236	5"	3/8"	2"	33 or 36	3/8 lb.
237	4"	3/8"	2"	33 or 36	1/4 lb.
238	3"	3/8"	2"	33 or 36	1/8 lb.

Smaller sizes can be made on request. 1/2" arbor hole is standard unless otherwise specified. Coarser or finer wire can be furnished when desired.

"ALL STEEL" FINE WIRE SECTIONS

No.	Diameter	Thickness	Dia. Face Plate	W & M Gauge	Wt. Each
244	4"	3/8"	2 1/4"	.006"	1/4 lb.
246	6"	1/2"	3 3/8"	.006"	1/2 lb.

1/2" arbor hole is standard unless otherwise specified.

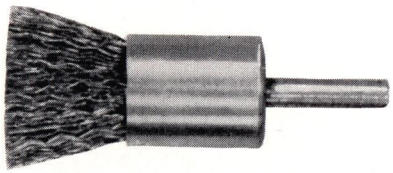
SMALL SECTIONS — METAL CENTERS

These small sections range from 1/2" to 3" in diameter, made in various gauges of wire. Also available in tampico, horse hair, bristle and nylon. Any number of them may be assembled on a shaft to make one large brushing surface. The minimum shaft opening in center of brush is 1/4". For larger sections refer to "All Steel" sections.

Power Brushes

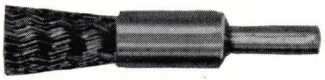
END BRUSHES

Recommended for use with portable tools. They will remove quickly and easily the hardest carbon deposits from cylinders and piston heads. Also for removing rust, paint, burrs; cleaning valve seats, combustion chambers, etc.



Crimped steel wire rigidly secured in steel holder. Ferrule 1" diameter. 1/4" diameter steel shank. Length of wire 1".

No.	Size Wire	Wt. Each
377	.014	3 1/4 oz.
378	.023	3 1/4 oz.
379	.032	3 1/4 oz.



Crimped steel wire rigidly secured in steel holder. Ferrule 1/2" diameter. 1/4" diameter steel shank. Length of wire 1".

No.	Size Wire	Wt. Each
375	.011	1 oz.
376	.014	1 oz.

CUP BRUSHES

"Ace" cup brushes are made of crimped steel wire rigidly secured in a cup shaped metal holder or back. These brushes are generally used on pneumatic tools and portable equipment for heavy duty work, such as removing old paint, rust, scale and dirt from large metal, brick or concrete surfaces. All "Ace" cup brushes are punched with correct arbor hole to fit directly on shaft. Standard holes being 1/2" and 5/8".

KNOT TYPE

No.	Dia.	Trim	Gauge	Wt.
620	6"	1 3/4"	20	3 lbs.
622	6"	1 3/4"	22	3 lbs.
624	6"	1 3/4"	24	3 lbs.
630	6"	1 3/4"	30	3 lbs.
422	4"	1 5/8"	22	1 1/4 lb.
426	4"	1 5/8"	26	1 1/4 lb.
430	4"	1 5/8"	30	1 1/4 lb.

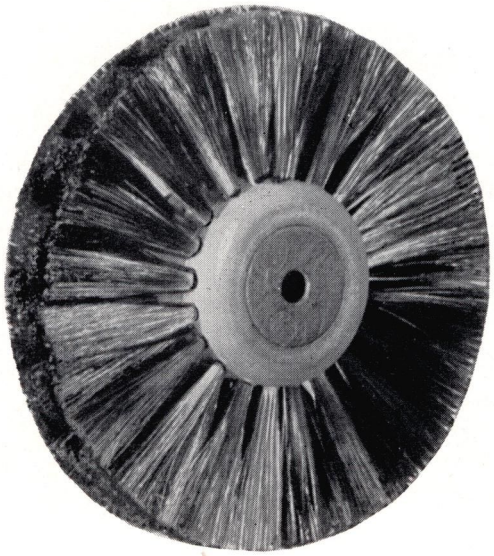
SMALL CUP BRUSH

No.	Dia.	Trim	Gauge	Wt.
420	3 1/4"	1"	.020	1 lb.

As these brushes are smaller in size and lighter in weight, they are designed for use on portable tools to replace hand brushes on general cleaning operations. Especially recommended in the garage for removing carbon from cylinder heads, rust and paint from the motor and frame, and similar uses.

Platers' Brushes

"Ace" platers' brushes are used by platers and metal finishers to give just the right finish to their products. Effectively used by nickel and electroplaters, manufacturers of art metal goods, electric fixtures, band instruments, builders hardware and similar lines.



WOOD HUB FINE WIRE WHEELS—WIRE DRAWN

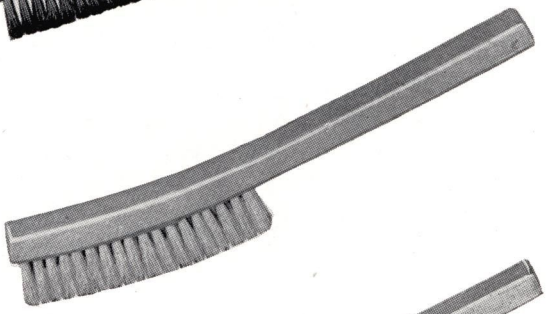
No.	Size Wire	Dia.	Rows	Diameter Hub	Wt. Doz.
600	.004	8"	4	4"	32 lbs.
601	.005	8"	4	4"	32 lbs.
602	.004	6"	4	2½"	16 lbs.
603	.005	6"	4	2½"	16 lbs.
604	.006	6"	4	2½"	16 lbs.
605	.004	5"	4	2"	12 lbs.
606	.005	5"	4	2"	12 lbs.
607	.004	4"	4	1½"	6½ lbs.
608	.005	4"	4	1½"	6½ lbs.
609	.004	4"	3	1½"	6 lbs.
610	.004	3"	3	1"	3¾ lbs.

Please specify brass or steel wire and size arbor hole required.

FINE WIRE—CURVED HANDLE

Steel or brass .005" Straight or crimped wire. Wire drawn or staple set—13" overall, 5½" brushpart, 1" trim.

No.	Rows	Width Block	Wt. per Doz.
611	3	⅞"	3½ lbs.
612	4	1⅛"	4¼ lbs.



WHITE TAMPICO—CURVED HANDLE

No. 613—Stiff needle point white tampico fibre, 12½" curved, smooth sanded hardwood block; 4 x 18 rows, heavily filled, length of stock 1³⁄₁₆". Weight per gross, 50 lbs.

BLACK HORSE HAIR—CURVED HANDLE

No. 614—Pure black horse hair, 12½" curved, smooth sanded hardwood block; 4 x 18 rows, heavily filled, trim 1¼". Weight per gross, 50 lbs.

Automotive Brushes

VALVE GUIDE CLEANING BRUSHES

HAND TYPE

No. 513

Wooden handle, fine round steel wire, 2½" brushpart, 10" overall. Diameters range from ¼" to 1".

For cleaning valve guides or parts. Removes carbon deposit and leaves a polished surface. Does not scratch. Weight each approximately ¼ lb.

No. 514

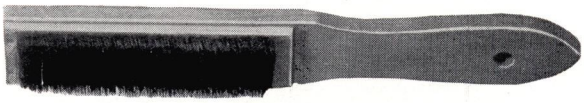
Loop handle, fine round steel wire, 2½" brushpart, 10" overall. Diameters range from ¼" to 1". Convenient brush for automotive trade. Weight each approximately ¼ lb.

ACID SOLDERING BRUSH

No. 515

Tin ferrule, black bristle, length of stock ¾", length overall 6". Made in sizes ¼", ⅜", ½", 9/16", ⅝". Packed one gross to carton. Weight per gross (½" size) 3¼ lbs.

FILE CLEANING BRUSH



No. 516

Round steel wire, size of brushpart 3¾" x 1½", length overall 8½", length of wire 3/16". Weight per gross 18 lbs. A practical brush for general use. Used for roughing a tube or casing before applying a patch. Very effective for removing solder, file cleaning, etc.

WHEEL CLEANING OR SPOKE WASHING BRUSHES

Brushpart 10" long, 2¾" diameter tapered to 1¼". Plain handle. Length overall 15½".

No.	Stock	Wt. per Doz.
527	White Tampico Fibre	4½ lbs.
528	Black Horsehair	4 lbs.
529	Stiff Black Chinese Bristle	4 lbs.

Can be furnished in any diameter or brushpart desired.

STEEL WIRE WHEELS AND HAND BRUSHES

For complete listing of Steel Wire Wheel Brushes especially recommended for garage and auto repair shop use, please refer to pages 11 and 12.

For popular styles of Mechanics' and Repairmen's Round Steel Wire Hand Brushes, see pages 6 and 7. The brushes in this group generally used are Nos. 41, 51 and No. 44 Jiffy.

Pure Stiff Black Horse Hair Floor Sweeping Brushes

This line of floor sweeping brushes is made of the highest quality, sterilized pure black horse hair. These brushes are especially used for sweeping smooth floor surfaces in schools, banks, hotels, office buildings and institutions; individually boxed, twelve to the shipping carton, weights include handles.

WINDSOR

Length of stock clear of block 2⅞"

Length Block	Wt. per Doz.
12"	27 lbs.
14"	30 lbs.
16"	33 lbs.
18"	36 lbs.
24"	45 lbs.
30"	56 lbs.
36"	66 lbs.

ROYAL

Length of stock clear of block 2⅝"

Length Block	Wt. per Doz.
12"	24 lbs.
14"	27 lbs.
16"	30 lbs.
18"	33 lbs.
24"	42 lbs.
30"	53 lbs.
36"	62 lbs.

Black Tampico Fibre Floor Sweeping Brushes

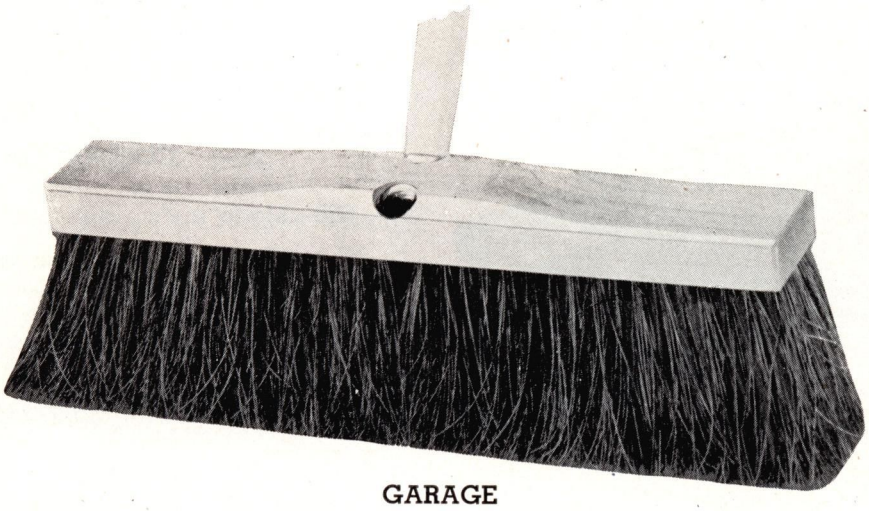
HIGHLANDER

A popular priced floor sweep, used extensively for sweeping concrete and wooden floors. Individually boxed, twelve to the shipping carton, weights include handles.

Length Block		Wt. per Doz.
12"		27 lbs.
14"		30 lbs.
16"		33 lbs.
18"		36 lbs.
24"		45 lbs.
30"		56 lbs.
36"	Length of stock 2⅞"	66 lbs.

Can Be Supplied in Blend of HORSE-HAIR AND FIBRE, or with FIBRE CENTER AND HORSE HAIR CASING, with standard length of stock.

Heavy Duty Palmyra Garage and Industrial Floor Sweeping Brushes



GARAGE

No. 817—Recommended for sweeping concrete garage, sidewalk and factory floors. It is also an excellent broom for use on wet floors such as are found in packing and slaughter houses as the fibre works well with water.

Length of Stock—4"

Length Block	Wt. per Doz.	Length Block	Wt. per Doz.
14"	43 lbs.	24"	58 lbs.
16"	46 lbs.	30"	66 lbs.
18"	49 lbs.	36"	76 lbs.

Hardwood handles are included.

Street Cleaning Push Brooms

ROADWAY

Recommended for use by contractors, stable, dairies, and packing houses. The extreme flare ends enable the user to clean close to curbing, thus, it gives twice the sweeping surface and gives more satisfactory wear than the ordinary push broom. Obtainable in bass or rattan fibre.

No. 816—Block Size — 16" long, 3½" wide. 5 rows.

Length of Stock — 6¼".
Handles furnished extra if desired.

Deck and Floor Scrubbing Brushes

"ACE" floor and deck scrubbing brushes are recommended to provide a quick and convenient method for scrubbing floors or any kind of large surface. Especially recommended for use on ships.

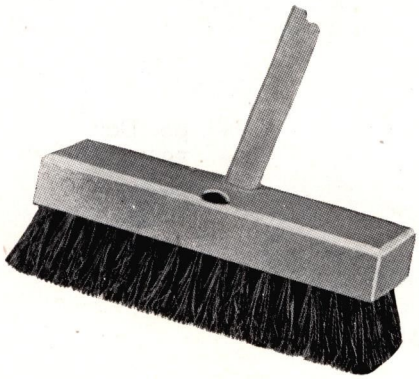
COIR BROOM

No. 650—Made in two different fillings:

Stiff Palmyra—most popular
Stiff Bassine

Made with plain sanded smooth finished hardwood block, with one straight handle hole. Handles furnished extra if desired. Made in following sizes:

Block Size	Trim	Wt. per Gross
11" x 2½"	4"	144 lbs.
12" x 2⅞"	4"	160 lbs.



DECK SCRUB

No. 660—Made in four different fillings:

Stiff Palmyra—most popular
Stiff Bassine
Select White Tampico
Pure Palmetto

Made with smooth finished hardwood block 2⅞" wide. Handles furnished extra if desired. Made in following sizes:

Length	Rows	Trim	Wt. per Gross
9"	5 x 15	1¾"	160 lbs.
10"	6 x 20	2"	200 lbs.
12"	6 x 22	2"	230 lbs.
14"	6 x 24	2"	260 lbs.

ROUND YACHT DECK BROOM

No. 670—Bass Fibre. Made in 12" and 14" sizes. Bound with 3 windings of copper wire. Handle approximately 50" long. Weight per dozen, 30 lbs. (12" size).

Hand Scrub Brushes

SQUARE END PALMYRA SCRUBS

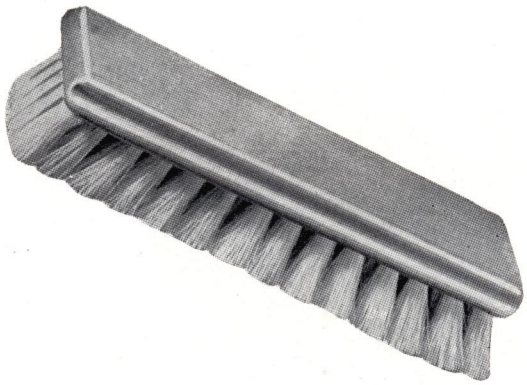
No. 701—Block size 7⅜" x 2⅜", 4 x 12 rows. Length of stock 1". 65 lbs. per gross.

No. 702—Block size 8⅜" x 2⅝", 4 x 12 rows. Length of stock 1". 84 lbs. per gross .

No. 703—Block size 8" x 2¾", 5 x 14 rows. Length of stock 1⅛". 108 lbs. per gross.

No. 704—Block size 10" x 2¾", 5 x 17 rows. Length of stock 1⅛". 108 lbs. per gross.

SQUARE END WHITE TAMPICO SCRUBS



No. 705—Block size 8" x 2¾", 5 x 14 rows. Length of stock 1⅛". 96 lbs. per gross.

No. 706—Block size 7⅜" x 2⅜", 4 x 12 rows. Length of stock 1". 65 lbs. per gross.

POINTED END WHITE TAMPICO AND PALMYRA SCRUBS

No. 707—Block size 8¾" x 2⅜", 3 x 15 rows. Length of stock 1". 60 lbs. per gross.

No. 708—Block size 9" x 2⅝", 4 rows well filled. Length of stock 1". 66 lbs. per gross.

No. 709—Block size 10¼" x 2¾", heavily filled. Large size popular priced brush for janitor and home use. Length of stock 1⅛". 70 lbs. per gross.

Roofing and Swabbing Brushes

TAR BRUSH

No. 640—Best quality grey tampico fibre. Head securely bolted on to handle which is 40" long. Seamless steel ferrule. 3" trim.

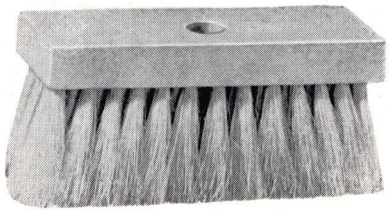
An excellent roof brush for small hard-to-get-at places. Also specially designed for ship builders, for swabbing purposes. Invaluable for painting bridges, ship sides, structural iron, etc. Weight per doz., 12 lbs.

3 KNOT ROOF BRUSH

No. 641—Best quality grey tampico fibre. Seamless steel ferrule. Length of stock 3½".

Wt. per gross—178 lbs.

Packed one dozen to carton.



ROOF COTE

No. 642—Best quality white tampico fibre. Smooth polished hardwood block, 7" long, 2⅝" wide; 6 x 13 rows, length of stock, 2½". Used for hot asphalt or tar.

Wt. per gross—108 lbs.

Packed one dozen to carton.

RED TOP

No. 643—Best quality ...black hair mixture. Seamless steel ferrule. Head bolted securely on to 18" handle, which has red lacquered stripe. Length of stock 2¼". Recommended for swabbing purposes on ships. Mainly used in the engine room.

Wt. per gross—48 lbs.

Packed 3 dozen to carton.

Counter and Bench Dusters

No. 710

Extra stiff sterilized pure black horse hair. Length of stock clear of block 2½". Made in three sizes:

Length	Wt. per Gross
8"	96 lbs.
9"	110 lbs.
10"	125 lbs.

No. 711

Extra stiff sterilized pure dark grey horse hair. Length of stock clear of block 2½". Made in three sizes:

Length	Wt. per Gross
8"	96 lbs.
9"	110 lbs.
10"	125 lbs.

No. 712

Mixed black horse hair. Length of stock clear of block 2½". Made in three sizes:

Length	Wt. per Gross
8"	82 lbs.
9"	102 lbs.
10"	112 lbs.

No. 713

Special blend of grey soft fibres. Length of stock clear of block 1¾". Made in two sizes:

Length	Wt. per Gross
7"	60 lbs.
8"	72 lbs.

Pure bristle and special mixture counter brushes can be furnished on request, in various sizes.

Dairy, Pot, Fender and Utility Brushes

No. 720

The all-purpose short handle brush for washing cans, pots, automobile fenders, wheels, etc. Made in four different fillings:

Stiff Palmyra—most popular
Best Grade Bassine
Select White Tampico
Genuine Pure Palmetto

Block size 8½" x 3". Length of stock clear of block 2¼". Weight per gross 100 lbs.

No. 721

Long handle brush handy for washing tubs, vats, coffee urns, machines and automobile fenders. Made in four different fillings:

Stiff Palmyra—most popular
Best Grade Bassine
Select White Tampico
Genuine Pure Palmetto

Block size 20" overall, 3" wide. Length of stock clear of block 2¼". Weight per gross 160 lbs.

No. 722

Short handle white tampico utility brush. Grooved back with detachable handle nailed in block. Length overall 12". Block size 4½" x 2⅝". Length of stock 2". Weight per gross 132 lbs.

A very handy general household brush.

No. 723

Long handle automobile fender cleaning brush. Made in three different fillings:

Select White Tampico—most popular
Best Grade Stiff Palmyra
Genuine Palmetto

Length overall with handle inserted 21". Oval trim 2". Weight per gross 140 lbs.

Refrigerator, Sanitary and Coffee Urn Brushes

REFRIGERATOR

No. 730—Tampico fibre, black horsehair or bristle. Twisted-in-wire, tapered 1¾" diameter to 1" diameter. 32" overall length. Loop handle. Weight per gross 24 lbs.

NOTE: Can be furnished in any diameter or any overall length desired.

URN

No. 731—Tampico fibre, black horsehair or bristle. Twisted-in-wire, ½" diameter. 24" overall length. Loop handle. Weight per gross 9 lbs.

NOTE: Can be furnished in any diameter or any overall length desired.

TWISTED-IN-WIRE BOWL BRUSHES

No. 715—White tampico fibre. Twisted-in-wire. Size of head 5" wide x 6" long. 22" overall. 2⅛" trim. Weight per dozen 5 lbs.

No. 719—White tampico fibre. Twisted-in-wire. Size of head 4¼" wide x 5" long. 17" overall. 2" trim. Weight per dozen 4 lbs.

SPIRAL WOUND BOWL BRUSHES

Tightly wound into spiral grooves, made on a well seasoned smooth finished select grade hardwood straight handle with nickel ring hanger; brush part 3½" diameter, 6½" long, length overall 24¼". Weight per gross 78 lbs.

Made in three fillings:

No. 732—Tampico fibre.
No. 733—Black or Grey Horsehair.
No. 734—Black China Bristle.

COFFEE URN

No. 737—Select white tampico fibre, tightly wound into spiral grooves, made on a smooth finished hardwood handle; brushpart 4¼" diameter, 6¼" long, length overall 25". Weight per gross 120 lbs.

Window, Kalsomine, Acid and Radiator Brushes

WINDOW

No.	Filling	Diameter	Length Stock	Wt. Per Gross
740	Black or Dark Grey horsehair	5½"	3"	260 lbs.
741	Black or Dark Grey horsehair	4½"	2½"	165 lbs.
790	Fibre Blend	4½"	2½"	162 lbs.

Individually boxed. Handles furnished extra if desired.

KALSOMINE

No. 742—White Tampico fibre; plain sanded smooth hardwood block, without metal band; 3 rows, well filled; length of stock 3½".

Made in three sizes	6"	7"	8"
Weight per gross	104 lbs.	119 lbs.	134 lbs.

ACID

No. 743—Select stiff white Tampico fibre, smooth polished hardwood block, 7" wide, 10" handle; length of stock 3⅜".

Extra heavily filled brush.

Weight per gross 144 lbs. Packed one dozen with handles.

RADIATOR

Pure black horsehair, natural lacquered lightweight hardwood block; length of block overall 24½". Brushpart 10" long. Length of stock 2½".

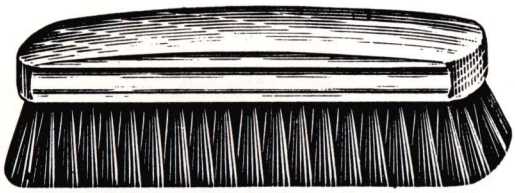
No. 744—1 row. Weight per gross 42 lbs.
No. 745—2 rows. Weight per gross 50 lbs.

TWISTED-IN-WIRE RADIATOR

No. 746—Black horsehair or bristle. Brushpart 7¾" long tapered from 2½" at tip to 2⅜" at handle end. Wooden handle. Overall length 29½". Weight per dozen 4 lbs.

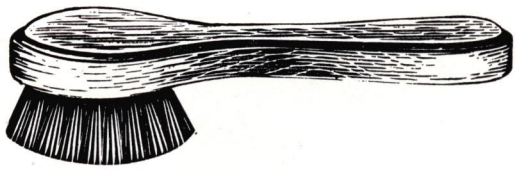
Miscellaneous Brushes

SHOE BRUSHES



SHOE BRUSH

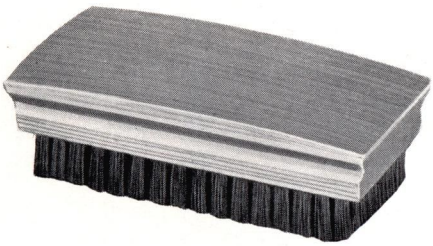
Made in two different fillings. PURE BLACK HORSE HAIR AND PURE SILVER GREY HORSE HAIR. 8¾" long, 2⅝" wide, length of stock 1⅜". Weight per gross 125 lbs.



DAUBER

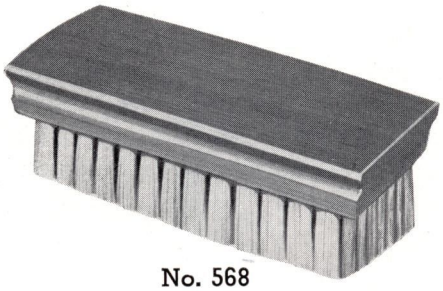
Made in two different fillings. PURE BLACK HORSE HAIR AND PURE SILVER GREY HORSE HAIR. 7" long. Length of stock ⅞". Weight per gross 30 lbs.

NAIL BRUSHES



No. 567

Pure black Chungking bristle or nylon. 8 x 16 rows. hardwood block, 4" x 1¾". Length of stock 9/16", Weight per dozen 2 lbs.



No. 568

White tampico fibre. 8 x 16 rows. Hardwood block, 4¼" x 1¾". Length of stock ¾". Weight per dozen 2 lbs.

CORN AND FIBRE WHISK BROOMS

CORN WHISK BROOM

An exceptionally high grade whisk broom of carefully selected corn. Ball Top.

No.	Length Broompart	Length Overall	Wt. Doz.
750	7"	10"	3¾ lbs.
751	8"	11½"	5¼ lbs.
752	9"	12½"	7 lbs.

FIBRE WHISK BROOM

FOREST PALMETTO—8¾" overall. Palmetto fibre. 2 rows stitching, 4½" fibre below. Weight 4 lbs. per dozen.

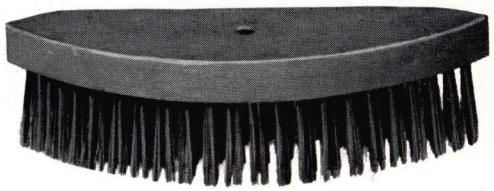
RED PALMETTO—7½" overall. Palmetto fibre. 2 rows stitching, 3½" fibre below. Weight 3 lbs. per dozen.

BATH AND HAIR BRUSHES FURNISHED IN VARIOUS STYLES.

Floor Machine Brushes

CIRCULAR

SECTIONAL



We are equipped to make polishing, scrubbing and waxing brushes to fit every type of floor machine on the market today. The blocks used are made of the best plywood and are guaranteed not to warp or open. All brushes are staple set and heavily filled. When ordering please specify name of machine, size of block, diameter of hole and filling desired as outlined below.

Polishing	Tampico Fibre or Union Mixture
Scrubbing	Bassine Fibre
Waxing	Palmetto Fibre
Scrubbing	Steel Wire

CARPET SWEEPER BRUSHES

Made to fit the most popular brands of carpet sweepers. Filling black horsehair or black China bristle. When ordering please specify name of carpet sweeper, trim of brush and overall dimensions.

VACUUM CLEANER BRUSHES

We are equipped to make all types of vacuum cleaner brushes to your specifications. Please send us your sample.

Handles

TWISTED FLEXIBLE WIRE HANDLES

Length of Handle	Weight per 100
36"	53 lbs.
48"	70 lbs.
60"	87 lbs.
72"	104 lbs.

These flexible wire handles are made with 1/4" nipple and coupling and can be used on all types of boiler and heater brushes equipped with standard gas pipe nipples.

JOINTED TUBE BRUSH RODS

This collapsible type of boiler tube brush handle is usually made in 12 and 14 ft. lengths of extra heavy pipe and consists of three individual sections. Recommended for hard-to-get-at places, especially on ships. Any size can be furnished on request.

THREADED FLOOR BRUSH HANDLES

	Weight per Doz.
54" x 15/16"	12 lbs.
60" x 15/16"	13 lbs.
72" x 15/16"	15 lbs.

End of handles threaded to fit holes in all standard floor brush blocks.

TAPERED PUSH BROOM HANDLES

	Weight per Doz.
54" x 1 1/8"	16 lbs.
60" x 1 1/8"	18 lbs.

End of handles tapered to fit holes in blocks of Window, Deck Scrubs, Coir Brooms, Push Brooms, etc.

Upright Corn Brooms

FACTORY AND WAREHOUSE BROOMS

No. 10—Warehouse—Pure Corn—38 lbs. per doz.

No. 10—Railroad—Mixed Corn—36 lbs. per doz.

No. 10—Factory—Mixed Corn and Rattan—40 lbs. per doz.

HOUSE AND OFFICE BROOMS

No. 7—Office—Mixed Corn—24 lbs. per doz.

No. 8—Parlor—Mixed Corn—28 lbs. per doz.

No. 8—Parlor—Pure Corn—26½ lbs. per doz.

Upright Industrial and Household Fibre Brooms

Ace upright bass fibre brooms are a combination of correct flare, and trim, which makes sweeping easy and thorough. They are vastly superior to corn brooms, as sweeping efficiency is maintained longer and the strength of service increased. They are made of hand picked, oiled Bass Fibre, which is cemented into a rust proof metal cap. The cap is pressed together and bound with rivets, preventing fibres from working loose or pulling out.

No. 112—INDUSTRIAL

African stiff bass fibre. Overall 54". 10" trim. Metal band. 33 lbs. to dozen.

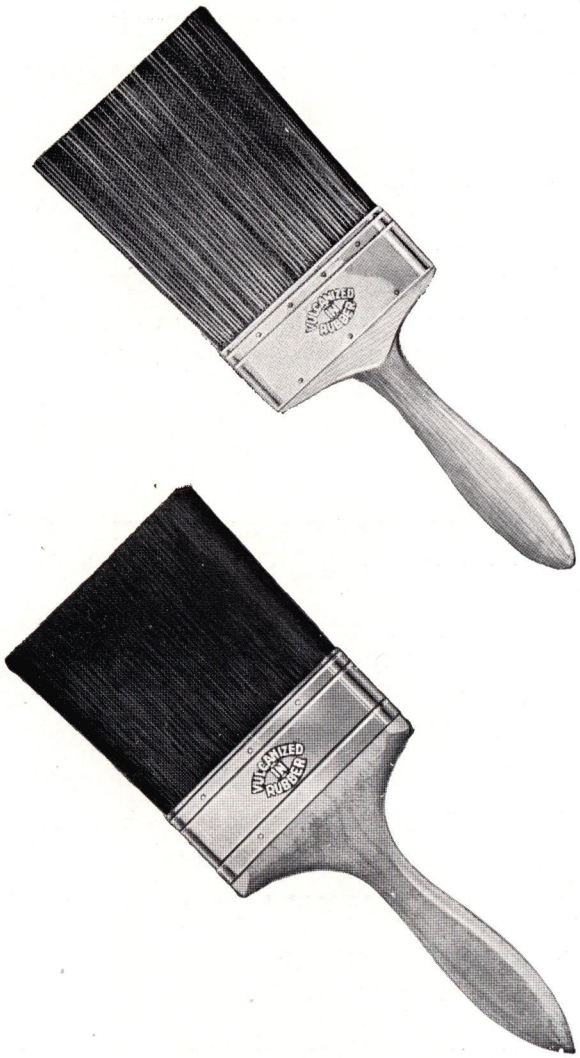
Recommended for heavy sweeping in packing houses, garages, railroads, dairies, machine shops, foundries, etc.

No. 52—HOUSEHOLD

Medium bass fibre. Overall 52". 8" trim. 2 rows stitching. 27 lbs. to dozen.

Recommended for light factory sweeping and household use. Suitable for smooth wooden floors, cement or tile.

Flat Wall Paint Brushes



No. 800—FLAT WALL PAINT BRUSH

Pure black bristle. Vulcanized in rubber — nickeled ferrules — polished handles.

Width	3"	3½"	4"	4½"
Length	2⅞"	3⅛"	3⅛"	3⅜"

No. 801—FLAT WALL PAINT BRUSH

Pure black bristle. Vulcanized in rubber — heavy nickel ferrule — polished beaver tail handles.

Width	3"	3½"	4"	4½"	5"
Length	3⅝"	3⅞"	4⅛"	4⅜"	4⅝"

No. 802—FLAT WALL PAINT BRUSH

Pure black bristle. Vulcanized in rubber — heavy nickel ferrule — polished beaver tail handles.

Width	3"	3½"	4"	4½"	5"
Length	4⅛"	4⅜"	4⅝"	4⅞"	5⅛"

No. 803—FLAT WALL PAINT BRUSH

Black bristle casing, mixed fibre center — nickeled ferrules — polished handles.

Width	3"	3½"	4"	4½"	5"	6"
Length	2⅞"	3⅛"	3⅝"	3⅝"	3⅝"	3⅝"

No. 804—FLAT WALL PAINT BRUSH

Pure black bristle. Vulcanized in rubber — nickeled ferrules — polished handles.

Width	2½"	3"	3½"	4"	4½"	5"
Length	2⅝"	2⅝"	2⅝"	2⅝"	2⅞"	2⅞"

ACE paint and varnish brushes are constructed of the finest materials obtainable and will give long and efficient service. However, proper care must be taken of these brushes in order to receive the maximum service of which they are capable. Please remember to KEEP YOUR BRUSHES CLEAN.

Important factors regarding proper care of brushes are as follows:

Immediately after using, the brush should be washed with proper cleaner and wrapped in wax paper, so that it will retain its original shape.

Use a different brush for each color.

Bristle brushes should never be put in water, as it causes the bristle to become bushy and flabby.

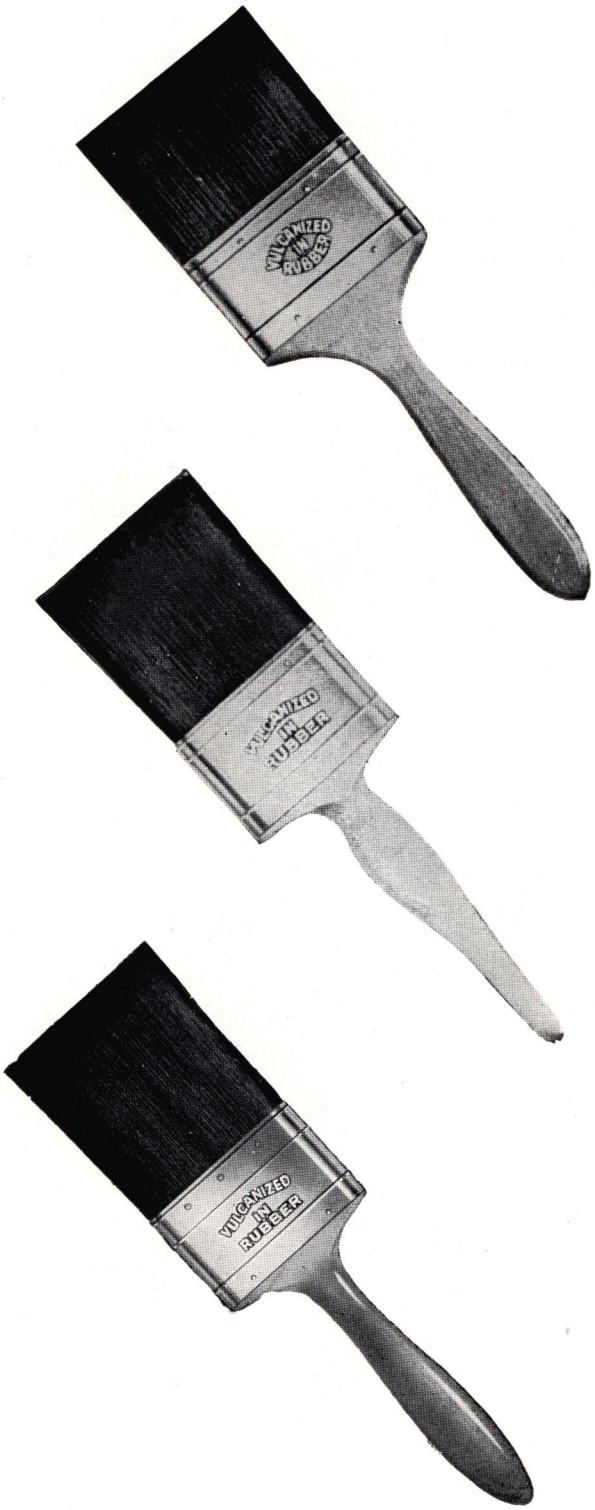
Keep bristle brushes out of acids, as they will destroy the best grade of bristle.

Don't stand brush on its bristle end. It causes the bristle to kink and the brush will not spread the material properly.

Careful attention to the above details will guarantee perfect satisfaction.

Length shown is approximate length of stock outside of ferrule.

Flat Varnish Brushes



No. 810—FLAT VARNISH BRUSH

Black hair and fibre. Vulcanized in rubber — single thickness — polished handles — tin ferrules.

Width	1/2"	1"	1 1/2"	2"	2 1/2"	3"
Length	1 1/2"	1 7/8"	1 7/8"	1 7/8"	1 7/8"	1 7/8"

No. 811—FLAT VARNISH BRUSH

Black hair and fibre. Vulcanized in rubber — double thickness — polished handles — tin ferrules.

Width	1"	1 1/2"	2"	2 1/2"	3"
Length	1 7/8"	1 7/8"	1 7/8"	2 1/8"	2 1/8"

No. 812—FLAT VARNISH BRUSH

Pure black bristle. Vulcanized in rubber — polished handles — tin ferrules — double thickness.

Width	1"	1 1/2"	2"	2 1/2"	3"
Length	1 7/8"	1 7/8"	1 7/8"	2 1/8"	2 1/8"

No. 813—FLAT VARNISH BRUSH

Pure black bristle. Chiseled edge— vulcanized in rubber — polished handles — tin ferrules — double thickness.

Width	1"	1 1/2"	2"	2 1/2"	3"
Length	2 1/8"	2 1/8"	2 3/8"	2 5/8"	2 5/8"

No. 814—FLAT VARNISH BRUSH

Pure black bristle. Chiseled edge — vulcanized in rubber — polished handles — heavy tin ferrules — triple thickness.

Width	1"	1 1/2"	2"	2 1/2"	3"
Length	1 7/8"	2 1/8"	2 3/8"	2 5/8"	2 7/8"

No. 815—FLAT VARNISH BRUSH

Pure black bristle. Vulcanized in rubber — chiseled edge — triple thickness — polished beaver tail handles — tin ferrules.

Width	1"	1 1/2"	2"	2 1/2"	3"	3 1/2"	4"
Length	2 3/8"	2 5/8"	3 1/8"	3 1/8"	3 5/8"	3 5/8"	4 1/8"

Length shown is approximate length of stock outside of ferrule.

Oval Varnish—Sash Tool and Ship Bottom Brushes

No. 820—SEMI-OVAL VARNISH BRUSH

Pure black bristle. Semi-oval steel ferrule — polished handle — vulcanized in rubber — chiseled edge.

Size No.	Diameter	Length
4	1 7/8"	3 1/8"
5	2 1/8"	3 3/8"
6	2 1/4"	3 5/8"
7	2 1/2"	3 7/8"

No. 821—OVAL VARNISH BRUSH

Pure black bristle. Vulcanized in rubber — chiseled edge — nickel seamless steel rings — extra charge for bridles — beaver tail handle.

Size No.	Diameter	Length
1	1 3/8"	2 3/8"
2	1 9/16"	2 5/8"
3	1 5/8"	2 5/8"
4	1 11/16"	2 7/8"
5	1 7/8"	3 1/8"
6	2"	3 3/8"
7	2 1/16"	3 5/8"
8	2 1/8"	3 7/8"
9	2 3/16"	4 1/8"
10	2 5/16"	4 3/8"
12	2 3/8"	4 5/8"

No. 822—OVAL SASH TOOL BRUSH

Pure black bristle. Vulcanized in rubber — chiseled edge — solid steel ferrule — polished handle.

No.	2	4	6	8	10	12
Length	1 3/4"	1 3/4"	2 1/4"	2 1/2"	2 1/2"	2 3/4"

No. 823—TRIM SASH TOOL BRUSH

Pure black bristle. Vulcanized in rubber — tin ferrule — polished handle — chiseled edge.

Width	1"	1 1/2"	2"	2 1/2"
Length	2 3/8"	2 3/8"	2 5/8"	2 7/8"

No. 824—SHIP BOTTOM BRUSH

High quality oval marine paint brush. Pure Russian bristle — vulcanized in rubber — reinforced ferrules —long plain handles.

Length	4 3/4"	5 1/4"
Diameter	2 3/4"	2 3/4"

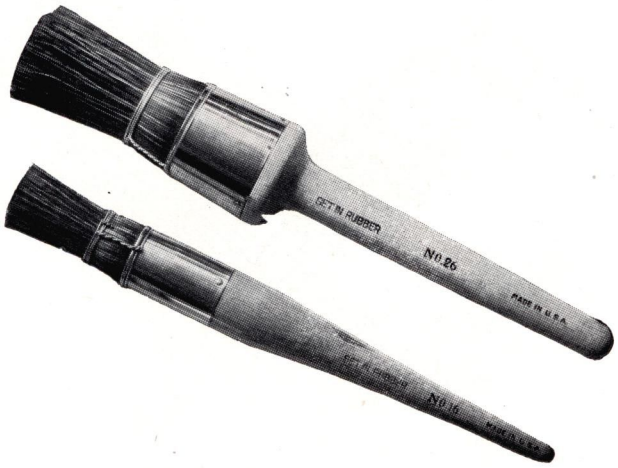
Length shown is approximate length of stock outside of ferrule.

Glue and Pastry Brushes

No. 830—GLUE BRUSH

Pure Grey Russian Bristle. Vulcanized in rubber, solid steel nickeled ferrules, round hardwood handles.

Size No.	Diameter	Length
8	1½"	2½"
10	2"	3"
12	2¼"	3"
14	2½"	3¼"
16	2¾"	3¼"
18	3"	3½"



No. 831—GLUE BRUSH

Pure Grey Russian Bristle. Vulcanized in rubber, seamless steel ferrules with wire bridles, plain wood handles.

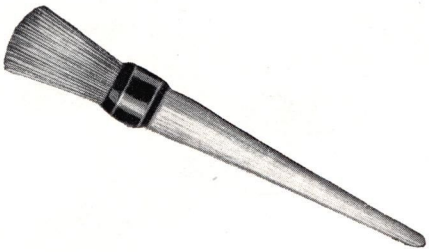
Size No.	Diameter	Length Out
2	3/8"	1 3/8"
4	7/16"	1½"
6	½"	1 5/8"
8	5/8"	1¾"
10	¾"	1 15/16"
12	7/8"	2"
14	1"	2 3/16"
16	1⅛"	2¼"
18	1¼"	2¼"
20	1½"	2 7/16"
22	1 9/16"	2¾"
24	1¾"	2¾"
26	1¾"	3"
28	1¾"	3¼"
30	2"	3¼"

PASTRY BRUSHES

Made in two different fillings. Vulcanized in rubber, "compo-fibre" binding, lacquered handle.

Width	½"	1"	1½"	2"	2½"	3"	3½"	4"
Length Out	1 3/8"	1½"	1 7/8"	2"	2¼"	2 3/8"	2½"	2 7/8"

No. 832—Pure Black Bristle
No. 833—Pure White Bristle



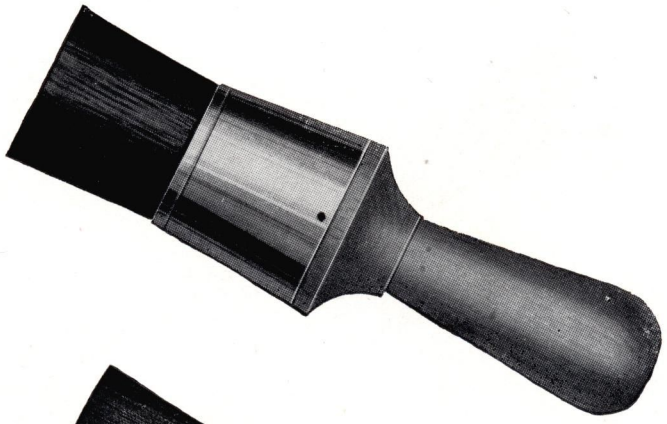
Made in two different fillings. Vulcanized in rubber, "compo-fibre" binding, lacquered handles.

Size No.	Diameter	Length
1	9/16"	1 7/8"
3	11/16"	2⅛"
5	15/16"	2½"
7	1¼"	2¾"

No. 834—Pure Black Bristle
No. 835—Pure White Bristle

Length shown is approximate length of stock outside of ferrule.

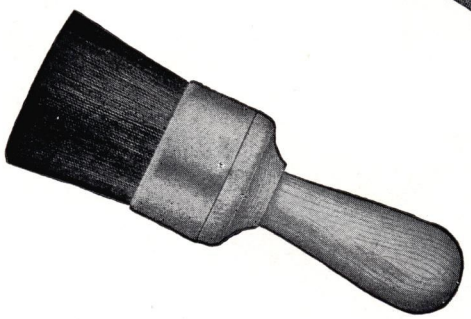
Stencil, Marking and Stroke Brushes



No. 840—STENCIL BRUSH

Pure Black Bristle. Vulcanized in rubber, polished handles, zinc ferrules.

Size No.	Diameter	Length
2	9/16"	1 1/8"
4	13/16"	1 3/8"
6	1 1/16"	1 1/2"
8	1 1/4"	1 5/8"
10	1 1/2"	1 3/4"
12	1 3/4"	1 7/8"



No. 841—STENCIL BRUSH

Pure Chinese Bristle. Solid steel nickel ferrule, polished handles, vulcanized in rubber.

Size No.	Diameter	Length
1	1/2"	7/8"
4	1"	1 1/4"
8	1 3/4"	1 3/8"
10	1 1/2"	1 1/2"
13	1 3/4"	1 3/4"
14	2"	1 7/8"

No. 842—MARKING BRUSH

Black Bristle. Tin ferrules, long plain white handles.

Size	1	2	3	4	5	6
Length	9/16"	11/16"	13/16"	7/8"	1"	1 1/8"

No. 843—MARKING BRUSH

White Bristle. Tin ferrules, long plain white handles.

Size	1	2	3	4	5	6
Length	9/16"	11/16"	13/16"	7/8"	1"	1 1/8"

No. 844—MARKING BRUSH

Camel Hair. Tin ferrules, long polished handles, fine point.

Size	1	2	3	4
Length	3/4"	7/8"	15/16"	1"

No. 845—STROKE BRUSH

Selected Siberian camel hair. Nickel plated ferrules. polished handles.

Width	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Length	11/16"	13/16"	15/16"	1"	1 1/8"	1 1/4"	1 5/16"	1 3/8"

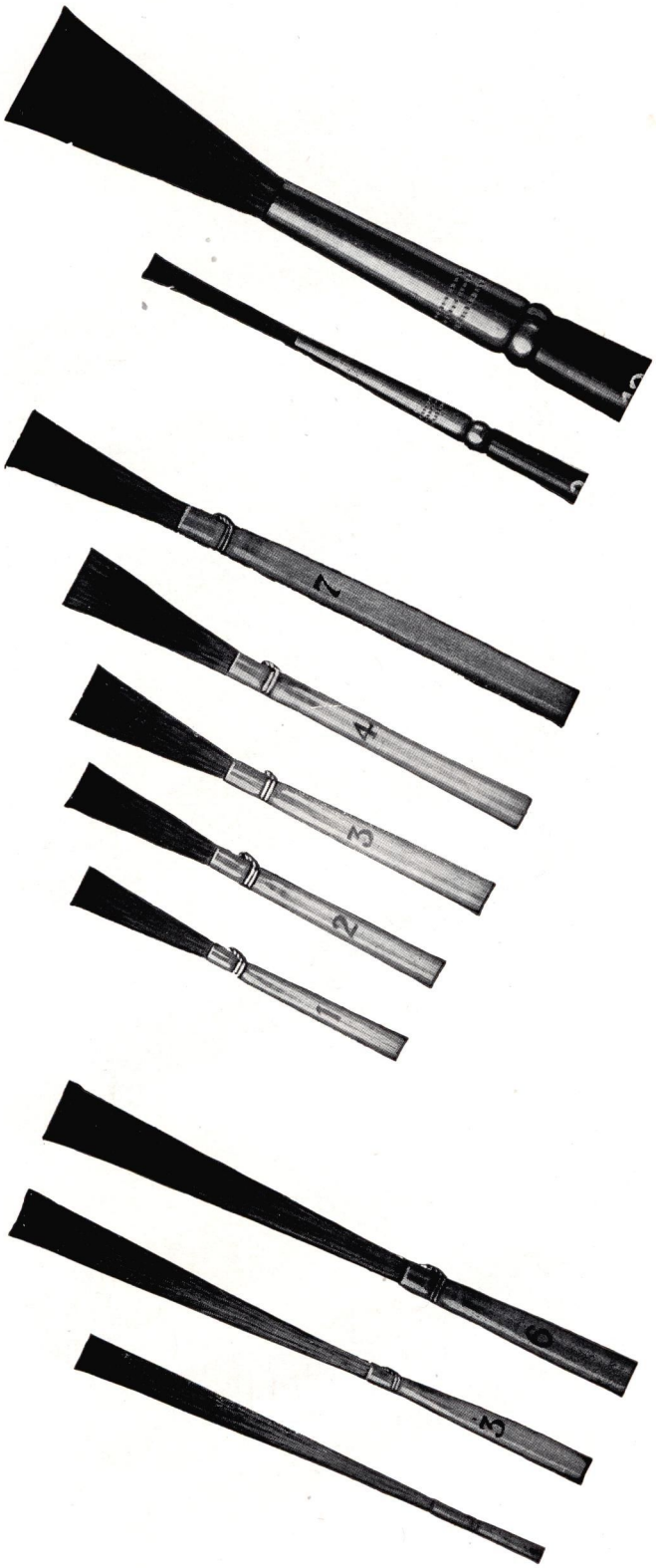
No. 846—STROKE BRUSH

Red Sable. Polished handles, nickel plated ferrules.

Width	1/8"	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
Length	5/8"	11/16"	7/8"	1"	1 1/16"	1 1/8"	1 1/4"	1 3/8"

Length shown is approximate length of stock outside of ferrule.

Show Card and Quill Brushes



LETTERING BRUSHES

Made in three different fillings. Short polished black handles, nickel plated ferrules.

Size No.	Length
1	7/8"
2	7/8"
3	1"
4	1"
5	1 1/8"
6	1 1/8"
7	1 1/4"
8	1 1/4"
10	1 3/8"
12	1 1/2"

No. 850—Siberian Camel Hair
No. 851—Siberian Ox Hair
No. 852—High Grade Black Sable

No. 853—"FRENCH" LETTERING BRUSH

High Quality Camel Hair. Made in France. Set in quill.

Size No.	Length
1	3/4"
2	3/4"
3	13/16"
4	7/8"
5	15/16"
6	1"
7	1 1/16"
8	1 1/8"
10	1 1/4"
12	1 1/2"

No. 854—"FRENCH" STRIPING BRUSH

High Quality Camel Hair. Made in France. Set in quill.

Size No.	Length
1	1 3/4"
2	1 3/4"
3	1 7/8"
4	1 7/8"
5	2"
6	2"
7	2"
8	2"
10	2"
12	2"

Length shown is approximate length of stock outside of ferrule.

Artists' and Lacquering Brushes

No. 860—ANGULAR FRESCO LINER

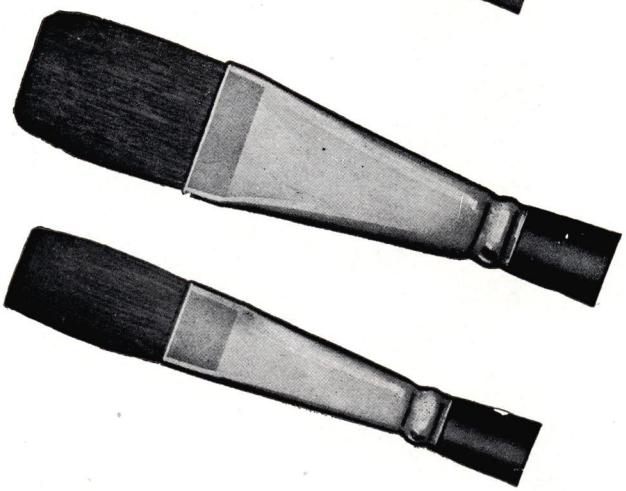
A special thin brush for lining, made with angular top. White French Bristle, metal ferrules, polished handles.

Width	Length
1/4"	1/2"
3/8"	5/8"
1/2"	11/16"
5/8"	3/4"
3/4"	13/16"
7/8"	7/8"
1"	1"
1 1/2"	1 1/2"

No. 861—LACQUERING BRUSH

High Grade Camel Hair. Flat, polished natural handles, metal ferrules.

Width	Length
1/4"	11/16"
3/8"	3/4"
1/2"	13/16"
5/8"	7/8"
3/4"	15/16"
7/8"	1"
1"	1 1/16"



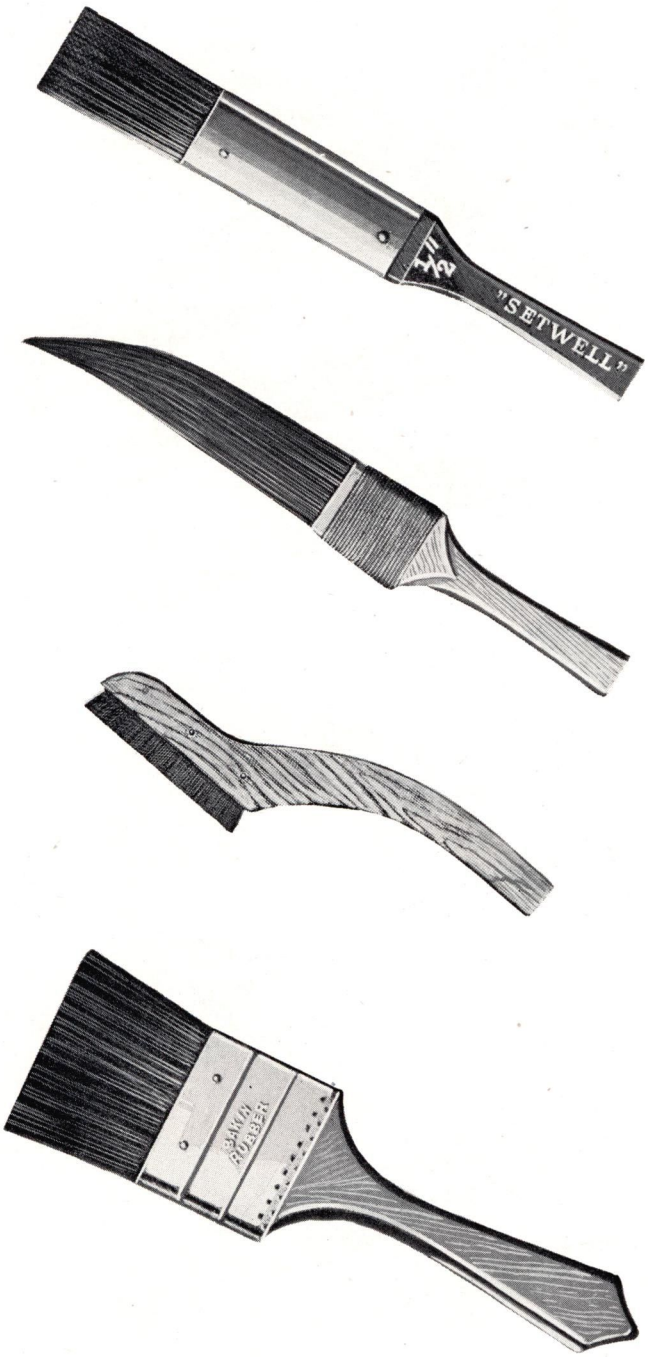
No. 862—LACQUERING BRUSH

High Grade Camel Hair. Round polished handles, metal ferrules.

Size No.	Length
1	13/16"
2	7/8"
3	15/16"
4	1"
5	1 1/16"
6	1 1/8"

Length shown is approximate length of stock outside of ferrule.

Signwriters' Brushes



No. 870—SIGN WRITER BRUSH

Selected Siberian Ox Hair. Nickel plated ferrules, polished flat handles.

Width	Length
1/4"	3/4"
3/8"	7/8"
1/2"	1"
3/4"	1 1/8"
1"	1 3/16"
1 1/4"	1 1/4"
1 1/2"	1 5/16"

No. 871—STRIPING BRUSH

Long Camel Hair. Cedar handles, wire bound, high grade professional striping tool.

Size No.	Length
00	2 1/4"
0	2 1/4"
1	2 1/4"
2	2 1/4"
3	2 1/4"
4	2 1/4"

No. 872—BRICK LINER

Plain handles, black or white bristle, wire drawn, used for lining and striping on bricks.

Width	2"	2 1/2"	3"
Length	1/2"	1/2"	1/2"

No. 873—CAMEL HAIR COLOR BRUSH

Single thickness, square edge, pure camel hair, nickel plated ferrules, vulcanized in rubber.

Width	Length
1/2"	15/16"
1"	1 1/8"
1 1/2"	1 1/4"
2"	1 3/8"
2 1/2"	1 1/2"
3"	1 5/8"
3 1/2"	1 11/16"
4"	1 3/4"

No. 874—CAMEL HAIR COLOR BRUSH

Double thickness, square edge, pure camel hair, nickel plated ferrules, vulcanized in rubber.

Width	Length
1/2"	15/16"
3/4"	1 1/16"
1"	1 3/16"
1 1/2"	1 5/16"
2"	1 7/16"
2 1/2"	1 9/16"
3"	1 11/16
3 1/2"	1 3/4"
4"	1 13/16"

Length shown is approximate length of stock outside of ferrule

Artists' Brushes

RED SABLE ARTISTS' BRUSHES

No. 880—Round
No. 881—Flat

Finest selected red sable. Seamless nickel ferrules, polished handles.

Size No.	00	1	2	3	4	5	6
Length	5/16"	3/8"	3/8"	7/16"	7/16"	7/16"	1/2"
Size No.	7	8	9	10	11	12	
Length	1/2"	1/2"	9/16"	5/8"	5/8"	11/16"	

No. 882—RED SABLE WATER COLOR BRUSH

Finest selected red sable. Round water color brushes, seamless nickeled ferrules, polished handles.

Size No.	00	1	2	3	4	5	6
Length	1/4"	7/16"	9/16"	5/8"	3/4"	3/4"	13/16"
Size No.	7	8	9	10	11	12	
Length	15/16"	1"	1 1/8"	1 3/16"	1 1/4"	1 5/16"	

No. 883—CHISEL FITCHES

Black Bristle. Polished handles, chiseled edge, tin ferrules.

Width	1/4"	3/8"	1/2"	5/8"	3/4"
Length	7/8"	1"	1 1/8"	1 1/4"	1 3/8"
Width	7/8"	1"	1 1/4"	1 1/2"	
Length	1 1/2"	1 5/8"	1 3/4"	2"	

No. 884—CHISEL FITCHES

White French Bristle. Polished handles, chiseled edge, tin ferrules.

Width	1/4"	3/8"	1/2"	5/8"	3/4"
Length	13/16"	15/16"	1"	1 1/8"	1 1/4"
Width	7/8"	1"	1 1/4"	1 1/2"	
Length	1 3/8"	1 1/2"	1 3/4"	2"	

No. 885—FRENCH BRISTLE "BRIGHTS"

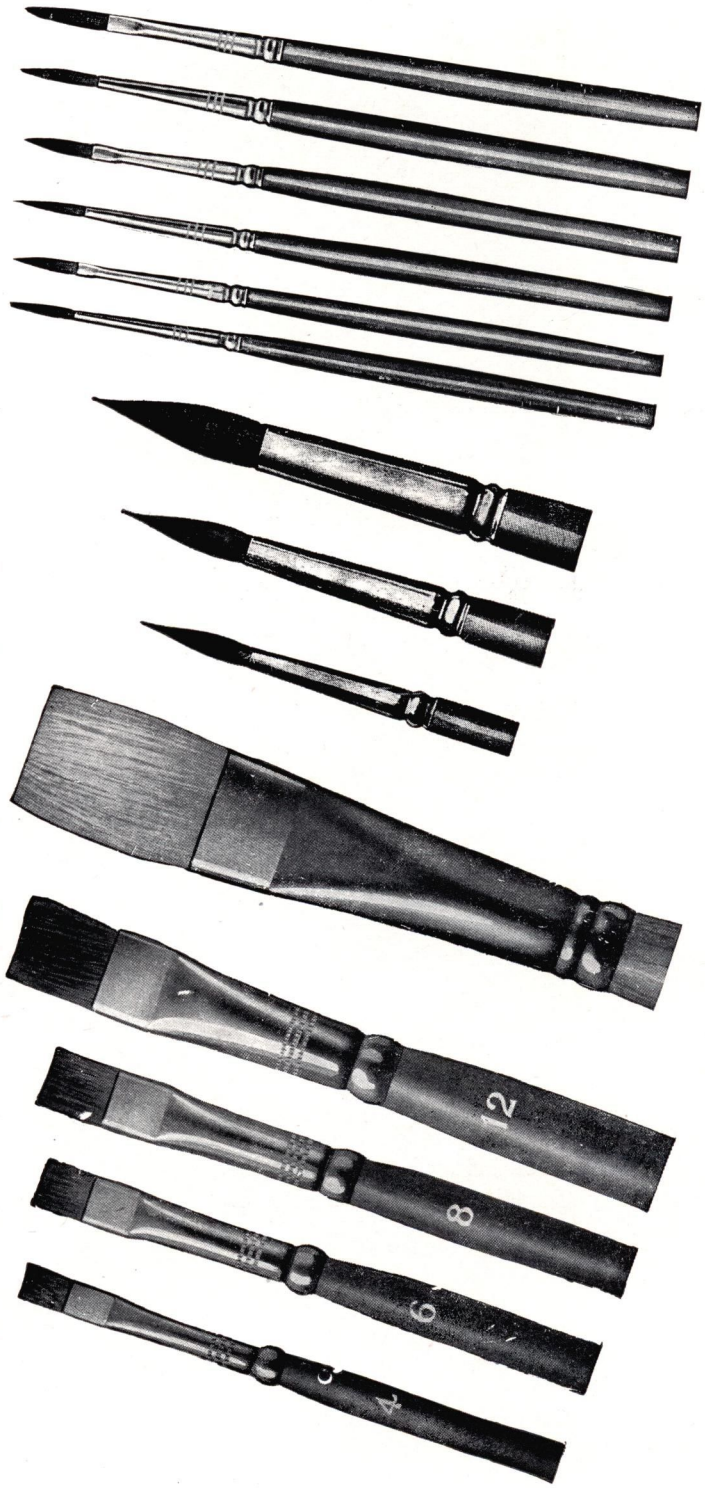
First Quality White French Bristle. Nickel plated ferrules, polished cedar handles.

Size No.	1	2	3	4	5
Length	1/8"	1/8"	3/16"	3/16"	1/4"
Size No.	6	7	8	10	12
Length	1/4"	5/16"	3/8"	1/2"	11/16"

No. 886—RED SABLE "BRIGHTS"

First Grade Red Sable. Seamless nickel plated ferrules, polished cedar handles.

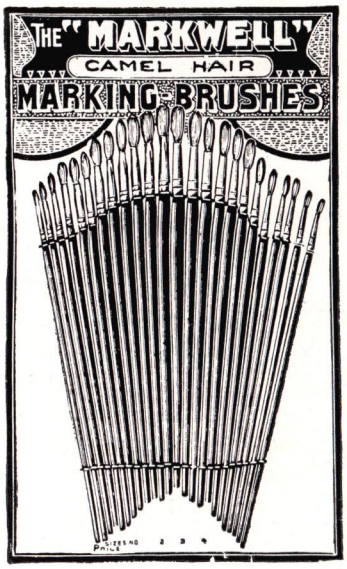
Size No.	1	2	3	4	5
Length	3/16"	1/4"	1/4"	1/4"	5/16"
Size No.	6	7	8	10	12
Length	3/8"	3/8"	7/16"	1/2"	9/16"



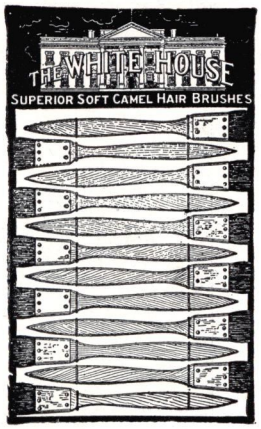
Length shown is approximate length of stock outside of ferrule.

Carded Brushes

Oval Camel Hair Lacquering or Bronzing Brushes. In Nickel Ferrules and on Green Polished Handles. 1 Dozen size 5/8 inch wide, on Cards.



Polished Yellow Handles, Tin Ferrules, Ordinary Camel Hair. Sizes 1 to 4. Two Dozen Assorted on Card.



Flat White Wood Handles. Tin Ferrules. Ordinary Camel Hair. One Dozen on Card.

Camel Hair Water Color Artists' Brushes. In Nickel Ferrules and on Yellow, Green, Blue and Red Colored Handles, assorted on a card. 2 dozen size 6 on Rembrandt Cards.

Round Extra Quality Bristle Marking Brushes. In Tin Ferrules and on long Red Polished Handles. 1 Dozen assorted sizes 1 to 6 on Richmond Cards.

Ace Brushes

ALPHABETICAL INDEX

A

Page

Acid Brushes, Mason's 24
Acid Brushes, Tin Handle 15
All Metal Wire Brushes 7
Angular Fresco Liners 35
Artists' Brushes 37, 38
Automotive Brushes 15, 22

B

Bakery Brushes 32
Bass Push Brooms 17
Bath Brushes 25
Bench Brushes 21
Boiler Tube Brushes 3, 4
Bowl Brushes, Lavatory 23
Brass Wire Brushes, Platers 14
Brass Wire Utility Brushes 7
Brass Wire Wheel Brushes 14
Brick Liners 36
Brooms, Corn 27
Brooms, Fibre 28
Brooms, Push 9, 17
Brooms, Upright Fibre 28
Brooms, Whisk 25
Brooms, Wire 9
Butchers' Block Brushes 8

C

Carbon Removing Brushes 13
Carded Brushes 38
Casting Brushes, Wire 8
Centers, Interchangeable 11
Chimney Cleaning Brushes 4
Closet Bowl Brushes 23
Coffee Urn Brushes 23
Coil Brushes 4
Coir Brooms 18
Color Brushes 36
Condenser Tube Brushes 3
Copper Tubing Brushes 5
Corn Brooms 27
Corn Whisk Brooms 25
Counter Brushes 21
Cup Brushes, Steel Wire 13

D

Dagger Stripers 36
Dauber Brushes 25
Deck Scrubbing Brushes 18

E

End Brushes, Wire 13
Engine Cleaning Brushes 20

F

Fender Brushes 22
Fibre Push Brooms 17, 28
Fibre Upright Brooms 28
File Cleaning Brushes 15
Fine Wire Wheel Brushes 12
Flat Wire Butchers Block Brushes 8
Flat Wire Casting Brushes 8
Flexible Wire Handles 26
Floor Brushes 16
Floor Brush Handles 26

Page

Floor Machine Brushes 26
Floor Scrubbing Brushes 19
Floor Waxing Brushes 26
Flue Brushes 3, 4
Flue Scrapers 3, 4
Furnace Brushes 3, 4

G

Garage Brooms 17
Glue Brushes 32

H

Hair Brushes 25
Hand or Nail Brushes 25
Handles 26
Handles, Flexible Wire 26
Handles, Flue Brush 26
Handles, Jointed 26

I

Interchangeable Centers 11

K

Kalsomine Brushes 24

L

Lacquering Brushes 35
Lettering Brushes 34
Levanger Brushes 20

M

Marking Brushes 33, 38
Miscellaneous Brushes 25

N

Nail Brushes 25

P

Paint Brushes 29
Pastry Brushes 32
Platers Brushes 14
Polishing Brushes, Floor 26
Pot Brushes 22
Power Operated Wire Brushes 11, 12, 13
Push Brooms 9, 17

R

Radiator Brushes 24
Rattan Push Brooms 17
Refrigerator Brushes 23
Roof Brushes 20
Rotary Steel Wire Brushes 11, 12
Round Steel Wire Brushes, Hand 6, 7

S

Sanitary Brushes 23
Sash Tool Brushes 31
Scrubbing Brushes 19
Sections, Wire Wheel Brush 12
Ship Bottom Paint Brushes 31
Shoe Daubers 25
Shoe Polishing Brushes 25
Show Card Brushes 34
Sign Writers' Brushes 36
Speeds of Rotary Wire Brushes 10

Page

Spoke Brushes 15
Steel Wire Brooms 9
Steel Wire Brushes, Hand 6, 7
Steel Wire Butchers' Block Brushes 8
Steel Wire Brushes, Rotary 11, 12
Steel Wire Casting Brushes 8
Steel Wire Cup Brushes 13
Steel Wire End Brushes 13
Steel Wire Flue Brushes 3, 4
Steel Wire Push Brooms 9
Steel Wire Sections 12
Steel Wire Street Brooms 9
Steel Wire Wheel Brushes 11, 12
Stencil Brushes 33
Street Brooms 9, 17
Striping Brushes 34
Stroke Brushes 33
Surface Speeds, Table of 10
Switch Brooms, Wire 9

T

Table of Round Steel Wire Gauges 10
Table of Surface Speeds 10
Tar Brushes 20
Tin Handle Acid Brushes 15
Tire Roughing Brushes 7
Toilet Bowl Brushes 23
Track Brooms 9
Tube Brushes, Boiler 3, 4
Turkhead Brushes 24

U

Upright Brooms 27, 28
Urn Brushes 23

V

Valve Guide Brushes 15
Varnish Brushes 30, 31

W

Wall Paint Brushes 29
Waxing Brushes, Floor 26
Wheel Brushes 11, 12
Wheel Brush Sections, Wire 12
Whisk Brooms 25
Winch Brushes 20
Window Brushes 24
Wire Brushes, Hand 6, 7
Wire Btuchers' Block Brushes 8
Wire Casting Brushes 8
Wire Cup Brushes 13
Wire End Brushes 13
Wire Flue Brushes 3, 4
Wire Handles, Flexible 26
Wire Push Brooms 9
Wire Scratch Brushes 6, 7
Wire Sections, Rotary 12
Wire Track Brooms 9
Wire Wheel Brushes 11, 12

Y

Yacht Brooms 18

Ace Brushes

NUMERICAL INDEX

Brush No.	Page No.
9	9
11	6
12	9
16	6
17	7
18	9
19	7
20	7
21	6
25	9
32	6
41	6
44	7
46	6
48	6
51	6
52	28
56	6
90	7
100	8
101	8
102	8
112	28
150	8
151	8
200	8
201	11
202	11
203	11
205	11
223	11
225	11
227	11
229	11
230	12
231	12
232	12
233	12
235	12
236	12
237	12
238	12
244	12
246	12
300	8
375	13
376	13
377	13
378	13
379	13
400	8
420	13
422	13
426	13
430	13
501	3
502	3
503	3
504	3
505	4
506	4
507	4
508	4
509	4
510	4
511	4
513	15
514	15
515	15
516	15
521	4
527	15
528	15
529	15
533	3
534	3
540	5
541	5
542	5
543	5
544	5
545	5
546	5
547	5
548	5
549	5
567	25
568	25
600	14
601	14
602	14
603	14
604	14
605	14
606	14
607	14
608	14
609	14
610	14
611	14
612	14
613	14
614	14
620	13
622	13
624	13
630	13
640	20
641	20
642	20
643	20
650	18
660	18
670	18
701	19
702	19
703	19
704	19
705	19
706	19
707	19
708	19
709	19
710	21
711	21
712	21
713	21
715	23
719	23
720	22
721	22
722	22
723	22
730	23
731	23
732	23
733	23
734	23
737	23
740	24
741	24
742	24
743	24
744	24
745	24
746	24
750	25
751	25
752	25
790	24
800	29
801	29
802	29
803	29
804	29
810	30
811	30
812	30
813	30
814	30
815	30
816	17
817	17
820	31
821	31
822	31
823	31
824	31
830	32
831	32
832	32
833	32
834	32
835	32
840	33
841	33
842	33
843	33
844	33
845	33
846	33
850	34
851	34
852	34
853	34
854	34
860	35
861	35
862	35
870	36
871	36
872	36
873	36
874	36
880	37
881	37
882	37
883	37
884	37
885	37
886	37

HIGH QUALITY

Ace Brushes

SERVE ALL PURPOSES